

Recombinant Human FUT5 Protein, His-tagged

Cat. No. FUT5-1537H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human FUT5 Protein (Arg35-Thr374) with N-His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Arg35-Thr374
Description	Enables 3-galactosyl-N-acetylglucosaminide 4-alpha-L-fucosyltransferase activity and 4-galactosyl-N-acetylglucosaminide 3-alpha-L-fucosyltransferase activity. Involved in ceramide metabolic process and oligosaccharide metabolic process. Predicted to be located in Golgi membrane.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 40.4 kDa Accurate Molecular Mass: 43 kDa
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for

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48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

Storage

Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.

Storage Buffer

20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.

Reconstitution

Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

GENE INFORMATION

Gene Name

FUT5 fucosyltransferase 5 (alpha (1,3) fucosyltransferase) [Homo sapiens (human)]

Official Symbol

FUT5

Synonyms

FUT5; fucosyltransferase 5 (alpha (1,3) fucosyltransferase); alpha-(1,3)-fucosyltransferase; FUC TV; fucT-V; fucosyltransferase V; alpha (1,3) fucosyltransferase; galactoside 3-L-fucosyltransferase; FUC-TV;

Gene ID

2527

mRNA Refseq

NM_002034

Protein Refseq

NP_002025

MIM

136835

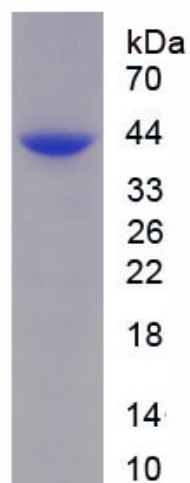
UniProt ID

Q11128

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